

CURRICULUM VITAE

Name: Sujoy Bose. PT, DPT, MHS, BSPT. | Diplomate ABPTS – Cardiovascular & Pulmonary PT

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Name of Program & Institution: Marshall University, College of Health Professions, School of Physical Therapy

Education

Doctor of Physical Therapy - Des Moines University, Des Moines, IA - (2008-2010) -
Capstone Title: Strength Outcomes to Exercise in Acute Steroid Myopathy

Master of Health Sciences in Physical Therapy – University of Indianapolis –
Indianapolis, IN - (2001-2008) - Dual-Track Orthopedics & Neurology

Bachelor of Physiotherapy - University of Calcutta, Calcutta, India (1994-1995)

Diploma in Physiotherapy - National Institute for the Orthopedically Handicapped,
Calcutta, India (1988-1992)

Licensure / Registrations #s

West Virginia **PT License: PT003282** – 01/28/2014 – 12/31/2019

Washington **DC PT License: PT871532** – 01/31/2015 – 01/31/2021

Michigan **PT License – 5501007326:** 8/21/1996 – 7/31/2019

Indiana **PT License: 05005229A** - 12/31/1996 – 06/30/2006

Medicare **NPI: 1619094034**

CAQH Registration: **12320045**

Employment and Positions Held:

Associate Professor:	Marshall University, School of Physical Therapy, WV – Tenure Track (P&T – 4/30/2019)	Jan. 2014– Present
<i>CLINICAL PRIVILEGE:</i>	Cabell Huntington Hospital, WV	Mar. 2014- Present
Clinical Specialist	Detroit Medical Center / Vanguard Health System / Tenet Healthcare	1999 – 2014
Home Care Physical Therapist:	Part-time - Multiple Home-health agencies in Detroit, MI region	2000-2014
Staff PT – Long-term Care:	Part-time – Multiple Extended Care Facilities in Metro Detroit	2000-2014
Part-time Faculty:	Wayne State University - School of Physical Therapy	Jan. 2012 – Dec. 2013

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Adjunct Faculty:	Wayne State University – School of Occupational Therapy	2000 – 2004
Traveling PT / Director of Rehab / Staff therapist	Multiple Organizations {Therapists Unlimited, Grand Rapids, MI, South Coast Rehabilitation, CA (MI division) / Allied Rehabilitation, Bloomfield Hills MI}	1995-1999
Staff therapist / Consultant PT	BM Birla Heart Research Center / Alpha Centauri Critical Care	1991-1995

Peer Reviewed Publications

- **Bose SS**, Brunty B, Spurrier T, Herron A. A Review of the Activity Measure for Post-Acute Care— “6 Clicks” (AM-PAC — “6-Clicks”). *Crit Rev Phys Rehabil Med*. 2018; Published on the web ahead of print.
- Curry M, Mehta S, Chaffin J, Duran E, Washington B, **Bose SS**. The Effect of Low-Volume, High-Intensity Interval Training on Blood Glucose Markers, Anthropometric Measurements, and Cardiorespiratory Fitness in Patients with Type II Diabetes. *Crit Rev Phys Rehabil Med*. 2015; 27(1): 19–35.
- Gorman SL, Hakim WE, Johnson W, **Bose S**, et al. Nationwide acute care physical therapy practice analysis identifies knowledge, skills, and behaviors that reflect acute care practice. *Phys Ther*. 2010; 90(10): 1-15.

Peer Reviewed Scientific and Professional Presentations

- **Bose S**. Deductive Reasoning in Acute Care PT Diagnosis. Educational Session - **Proposal accepted** under aegis of the Academy of Acute Care Physical Therapy: To be presented at American Physical Therapy Association: Combined Sections Meeting; January. 2019; Washington D.C.
- Hake M, **Bose S**. Developing Acute Care Specific Clinical Curricula to Foster Entry-Level Competence - PT Track. Presented at Bridge the Gap: Acute Care Education Conference. May 18, 2018. University of Indianapolis, Indiana.
- **Bose S**, Greenwood CK, Gorman S, Fein B. - Teaching Strategies to Enhance Acute Care Clinical Reasoning Across the Continuum. Educational Session. Presented at Bridge the Gap: Acute Care Education Conference. May 18, 2018. University of Indianapolis, Indiana.

Peer-reviewed Abstracts / Platforms / Posters:

- **Bose S**. Differential Diagnosis of an Unusual Case of Acute Motor Dysfunction in an Acute Care Setting. Poster proposal accepted presented under aegis of the Academy of Acute Care Physical Therapy at: Combined Sections Meeting; Feb. 2017; San Antonio, CA.
- Selby-Silverstein L, **Bose S**, Moore MG, Sum JC, Tilson J. Electronic Health Records and EBP: Maximizing Knowledge Translation. Educational Session presented at: Combined Sections Meeting; Feb 20, 2016; Anaheim, CA.

Non-Peer Reviewed Publications

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- **Basu, S.*** Sending Signals. *Adv. for Dir. in Rehabili.* 2001; 10.10:39

Non-Peer Reviewed Presentations

ACADEMIC:

- **Basu S.** *Neurologic Pathways.* Educational session presented at School of OT, Wayne State University. *Feb. 23, 2004*
- **Basu S.** *Therapeutic Exercise.* Educational session presented at School of OT, Wayne State University. *2000-2002*
- **Basu S,** Pellerito J. *Motor Control.* Educational session presented at School of OT, Wayne State University. *2000-2002*
- **Basu S.** *Functional Ambulation.* Educational session presented at School of OT, Wayne State University. *2000-2002*
- **Basu S.** *Balance: Dysfunction and Assessment.* Educational session presented at School of OT, Wayne State University. *2000-2002*
- **Basu S,** Pellerito J. *Transfers.* Educational session presented at School of OT, Wayne State University. *2000-2002*
- **Basu S.** *Cardiovascular Review - Investigations in Cardiology.* Educational session presented at School of OT, Wayne State University. *2001*

NON-ACADEMIC

- **Invited Presentation:** *Get Moving! Exercise and Movement for Optimal Health –* Hemophilia Foundation of Michigan – Women’s Retreat - *2006*
- **Basu S.** *Concepts in Mechanical Ventilation – A Primer for Rehab Therapists.* Harper University Hospital. *2006*
- **Basu S.** *Rehabilitation in the ICU.* *Nursing Grand Rounds: The DMC Health System.* *2003*
- **Basu S.** *Therapists guide to Parkinson’s disease.* Harper University Hospital, *2001.*
- **Basu S.** *Paraplegia: Differential Diagnosis and Types.* Harper University Hospital, *2001.*
- **Basu S.** *Cardiovascular Review for Therapists.* Detroit Medical Center. *2000.* Butterworth Health System. *1997-98.*

Grant Activity – Funded / In Review

- Leslie Harris Lindsey Grant for Research in the Hand & Upper Quadrant - *Determining the Indices of True change, Patient Acceptable Symptom Status, and Known-group Validity for the Carpal Tunnel Questionnaire in Patients following Carpal Tunnel Release.* Mehta SP, **Bose S,** Koester A, Novotny S. August 2016 – Announced as funded by phone notification March 2018. – US\$ 5000.00
- INCO Grant – Marshall University, Faculty Development Committee; Funded. US\$1000; 2016
- Quinlan Grant - Marshall University, Research Foundation; Funded. US\$500; 2/2016

Grant Activity – Not Funded

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- Judy bell-Krotoski Grab the Evidence Grant – *Associations between Pre-Surgery Profile and Outcomes of Carpal Tunnel Release Surgery: Defining the Patient-Acceptable State for Symptoms and Functional Status*. Mehta SP, **Bose S**, Shuler FD, Koester A, Novotny S. March 2016
- Burkhalter Young Investigator Grant for Clinical Research in Hand and Upper Limb Rehabilitation – Characterizing the Responsiveness, Minimal Clinically Important Difference, and Patient Acceptable Symptom State for the Boston Carpal Tunnel Questionnaire in Individuals Following Carpal Tunnel Release Surgery. Mehta SP, Shuler F, **Bose S**, Koester A, Novotny S, Ranavaya M. March 2015

Other Scholarly Products / Activities

- **Invited reviewer – CSM 2019 Abstracts – Acute Care Section, APTA**
- **Invited reviewer** – Physical Therapy Journal of Policy, Administration, and Leadership. Feb 2018. Journal Available at: <https://hpaapta.site-ym.com/page/ptjpal>.
- **Invited reviewer** – Journal of Acute Care Physical Therapy. May 2017. Journal available at: <https://journals.lww.com/jacpt/pages/default.aspx>
- **Invited reviewer – CSM 2018 Abstracts – Acute Care Section, APTA**
- **Invited reviewer – CSM 2017 Abstracts – Acute Care Section, APTA**
- **External DPT-Capstone Reviewer** for MaryAnn Preisig, PT, DPT, Des Moines University, IA. Fall 2016
- **Invited reviewer – CSM 2016 Abstracts – Acute Care Section, APTA**
- **External DPT-Capstone Reviewer** for Carol Tarquinio, PT, DPT, Des Moines University, IA. Fall 2015
- **Advanced Clinical Instructor Education and Credentialing Program (CIECP) – 2012**
- **Board Certified in Cardiovascular & Pulmonary PT** – The American Board of Physical Therapy Specialties (ABPTS), May 2012.
- **American Physical Therapy Association Certified Clinical Instructor** – 2008
- **Subject Matter Expert** – Past Member - American Physical Therapy Association Task-force on Board Certification in Acute Care Practice for PTs
- **Acute Care Curriculum Design** - DPT Program at Dept. of PT, Wayne State University – 2006

Major Research Interests

- Physical Therapists as a hospitalist service in acute care environments and primary care responsibilities
- Reduction of hospital readmission rates for people with chronic diseases
- Differential diagnosis by physical therapists in complex medical scenarios in the acutely ill
- Musculoskeletal complications of high-dose steroid treatment in graft-vs-host disease
- Movement disorders as a result of non-neuro-musculoskeletal etiology

Projects with Students

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- *Behavior patterns of final year physical therapy students in screening for Charcot joints in clients with diabetes. – 2018- ongoing.*
- *Evaluating the use of functional capacity testing in patients with chronic pulmonary disorders – 2017 – '19 (In process).*
- *Impact of early upper arm ergometry on repeat cardiac decompensation following acute pharmacologic compensation of heart failure – 2016 - '18*
- *Understanding the clinical practice patterns involving implementation of national disease management guidelines for congestive heart failure by physical therapists in acute care – setting – 2014 - '16*

Continuing Education Workshops Conducted / Organized

- **Organizing Faculty & Speaker:** Acute Care Education Conference under aegis of the Academy of Acute Care Physical Therapy. May 18-20. University of Indianapolis, Indianapolis, Indiana.
- **Facilitator:** Inter-Professional Education – Marshall University – Jan – Feb, 2015
- **Facilitator:** Inter-Professional Education – Marshall University – Jan – Feb, 2014
- **Facilitator:** Malone J. Management of the Complex Acute Care Patient – Detroit Medical Center – March 16-17, 2013

Membership in Scientific / Professional Organizations

Membership

- American Physical Therapy Association (APTA) – 2001 – Present
- *West Virginia Chapter – American Physical Therapy Association – 2014 – Present*
- *Academy of Acute Care Physical Therapy, American Physical Therapy Association – 2001 – Present*
- *Cardiovascular & Pulmonary Section - American Physical Therapy Association – 2001 – Present*
- *Academy of Physical Therapy Education - American Physical Therapy Association – 2001 – Present*
- Indian Association of Physiotherapists (IAP) – Life Member 1995

Service to the University / College / School on Committees / Councils / Commissions

Elected Positions:

- **Chair, Faculty Organization** – Marshall University – 2018 – 2020
- **Member, Executive Committee, Faculty Senate** – Marshall University – 2017-18
 - **Re-elected** – 2018-20 (2nd term)
- **Senator, Faculty Senate, Marshall University** – 2016 – 2018
 - **Re-elected** – 2018-20 (2nd term)
- **Secretary**, College of Health Professions Faculty Organization – 2015 – 2016

Service in Elected Office in Scientific / Professional Organizations

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- **Chief Delegate** – Academy of Acute Care Physical Therapy, American Physical Therapy Association– Term 2015-18
 - **Re-elected** - Term 2019-21
- **Secretary**, Acute Care Section, American Physical Therapy Association– Term 2010-12 & 2013-15
- **Treasurer** – Michigan Physical Therapy Association – Eastern District – 2009-2011
- **Chair, Nominating Committee** - Michigan Physical Therapy Association-Eastern District – 2007 – 2009

Appointed Positions at School of Physical Therapy (Marshall):

- **Chair**, Academic & Professional Services Committee (APSC), School of Physical Therapy, Marshall University – 2019 (2017 – 2018 *Member*)
- **Chair**, Service-Learning Activities Committee, School of Physical Therapy, Marshall University – 2019 – Present. (2016 – 2018 *Member*)

Appointed Consultative and Advisory Positions – National & State

- **Academy Member, SACE (Specialization) Academy of Content Experts**, ABPTS – Cardiovascular & Pulmonary – Annually Reappointed – 2013 – Present
 - **Reappointed** for 2019-20.
- **Committee Member**, ABPTRFE (*American Board of Physical Therapy Residency and Fellowship Education*) – 2015 – Present
- **Member**, Education Committee, West Virginia Physical Therapy Association – 2016-present.
 - **Member**, Education Scholarship Subcommittee, West Virginia Physical Therapy Association – 2016-Present.
 - **Liaison to Board** – PTA Celebration Subcommittee

Community Service

- **Volunteer** for School of Physical Therapy. Marshall Marathon. Nov. 4, 2018
- **Volunteer** for School of Physical Therapy. Marshall Marathon. Nov. 1, 2015
- **Volunteer** - Health Screening – Summer Special Olympics – June 7, 2014

Honors and Awards

- Awardee: **James Dunleavy Distinguished Service Award (National Award)** – Academy of Acute Care Physical Therapy – American Physical Therapy Association – 2018.
- Awardee: **Cynthia Kincaid Outstanding Clinical Instructor Award (State-level Award)** – Michigan Physical Therapy Association – American Physical Therapy Association – Special Interest Group on Clinical Education – 2014
- Nomination: **Outstanding Clinical Instructor**. Michigan Physical Therapy Association - Clinical Education Special Interest Group – 2002
- Nomination: **Innovation Summit 2013: Collaborative Care Models** - 2013
- Nomination: **Outstanding Clinical Instructor**. Michigan Physical Therapy Association - Clinical Education SIG – 2002

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- Nomination: **Employee of the Year 2013** – Detroit Medical Center / Rehab Institute of Michigan
- **Certificates of Appreciation** – Numerous

Continuing Education Attended

- *Numerous continuing education from Cabell-Huntington Hospital. Transcripts & Certificates available for verification*
- Heartcode Basic Life Support – American Heart Association. 2018-20.
- NEXT, American Physical Therapy Association, Nashville. 2018. (1.80 Credits)
- Academy of Acute Care Physical Therapy Lecture: Why We Matter (0.10 Credits)
- NEXT, American Physical Therapy Association, Nashville. 2017. (1.80 Credits)
- Successful Mentorship for Residency & Fellowship Education (0.80 Credits)
- New Evaluation Codes – Webinar
- NEXT, American Physical Therapy Association, Nashville. 2016. (2.0 Credits)
- Combined Sections Meeting (CSM), American Physical Therapy Association – 2016 (1.90 Credits)
- Ciccone CD. Pharmacology in Rehabilitation. Online course. 1.7 CEUs (17 Contact Hours) – July 2015
- Combined Sections Meeting (CSM), American Physical Therapy Association – 2015 – (1.90 Credits)
- Acute Care Strategic Planning – Pittsburgh, PA – May 9-10, 2014
- Malone J. Management of the Complex Acute Care Patient – Detroit Medical Center – 3/16-17, 2013.
- Combined Sections Meeting (CSM), American Physical Therapy Association – 2014 – PT in the Emergency Room (2 hours); Orientation and Competency Assessment in Acute Care (2 hours); Creation and Development of Staff Competencies for the Acute Care Setting (2 hours), Fourth Acute Care Lecture: Do You Own Your Practice? The Importance of Owning Your Decision and Actions (1 hour)
- Combined Sections Meeting (CSM), American Physical Therapy Association – January 2013 - Feeling the Squeeze? Strategies to Capture and Increase Productivity in the Delivery of Physical Therapy in the Acute Care Setting (2 hours); Strategies to Address Inter-professional Communication and Behaviors That Hinder Acute Care Practice (2 hours); Weakness in the Critically Ill: Clinical Implications for Physical Therapists Across the Continuum of Care (2 hours)
- University of Illinois, Chicago. Clinical Instructor: Aug. 13, 2012 – Nov. 2, 2012. (CE Credit. 4 hours)
- Combined Sections Meeting (CSM), American Physical Therapy Association – February 2012: Furthering Acute Care Practice: Subject Matter Expert Task Force Forum (2 hours)
- Combined Sections Meeting (CSM), American Physical Therapy Association – February 2011
- List truncated to the last 10 years.

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Present Teaching Responsibilities – Marshall University

YEAR I

- Fall 1 – Semester II:
 - PT 720 Advanced Clinical Physiology (3 CR) (100%)
 - PT 741 Medical Pathology in PT- I (2 CR) (100%)
 - PT 771 - Clinical Application Seminars and Experiences (CASES) - I
- Spring 1 – Semester III:
 - PT 772 - Clinical Application Seminars and Experiences (CASES) II

YEAR II

- Summer 2 - Semester IV:
 - PT 747 – Pharmacology in Rehabilitation (2 CR) (100%)
 - PT 773 - Clinical Application Seminars and Experiences (CASES) III
- Fall 2 - Semester V:
 - PT 774 – Clinical Application Seminars and Experiences (CASES) IV
 - PT 764 – Evidence Based Practice III (Capstone)
- Spring 2 – Semester VI:
 - PT 783 – Cardiopulmonary & Vascular Rehabilitation (4 CR) (85%)
 - PT 775 - Clinical Application Seminars and Experiences (CASES) V
 - PT 765 – Evidence Based Practice IV (Capstone)

YEAR III

- Summer III – Semester VII:
 - PT 784 Integumentary System – (3 CR) (70%)
 - PT 787 - Rehab Considerations in Selected Patient Populations II -
Prosthetics & Orthotics (2 CR) (Seminar - *Medical & Surgical Aspects of Amputations and Acute Rehabilitation*)
 - PT 776 - Clinical Application Seminars and Experiences (CASES) VI
 - PT 799 – Board Prep Review (5%)
 - PT 766 – Evidence Based Practice V (Capstone)
- Fall 3 – Semester VIII:
 - PT 777 - Clinical Application Seminars and Experiences (CASES) VII
 - PT 788 – Rehab Considerations in Selected Special Populations (*Organ Transplantation & Rehabilitation Seminar*)
- Spring 3 – Semester IX:
 - PT 767 – Evidence Based Practice VI (Capstone)

* Legal name change. Aug. 2007 – Previously, last name - “Basu”

Revised: April 30, 2019